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ABSTRACT

This project's goal was to develop a network of educational signposts and electronic textbooks to support K-12 student learning and curriculum articulation across eastern Connecticut and to enhance teacher education and graduate programs at Eastern Connecticut State University (ECSU). Through support from an AAUP-CSU grant, selected ECSU graduate students who were also K- 12 teachers in the region attended a summer workshop that focused on the development of web pages for the World Wide Web and commitment to integrating the World Wide Web into their curriculum. Participants learned how to use the World Wide Web and how to create home pages and electronic text. They developed a variety of electronic textbooks and school home pages. Project linkage titles included: "Find it on the World Wide Web," "Online Resources for Educators New to the Internet," "K12Links," "Curriculum Enhancement," "Newspapers in Education," "Glen Lessig's Education Technology Bookmarks," "Arline Mykietyn's Bookmarks on Harriet Tubman," "J.P.'s Eclectic Bookmarks," and "Mrs. Wargo's Bookmarks WJJS Media Center." (Author/SM)

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ED 418 920

Developing Educational Signposts on the World Wide Web: A School-University Cooperative Curriculum Project

a project funded by AAUP-Connecticut State University grant funds directed by Dr. David L. Stoloff, Interim Dean, School of Education and Professional Studies and the Graduate Division, Eastern Connecticut State University

Project Information may be found at
http://www.ecsu.ctstateu.edu/depts/edu/articles/signposts.html.

Abstract

This project's goal was to develop a network of Educational Signposts to support K-12 student learning and curriculum articulation across Eastern Connecticut and to enhance teacher education and graduate programs at ECSU. Through support from an AAUP-CSU Grant, selected Eastern Graduate Students who are also K-12 regional teachers attended a summer workshop in web-page development and committed to integrating the WWW in their curriculum. Participants developed the following "electronic textbooks" and school homepages.

Project Linkages Created by Project Participants

Find It on the World Wide Web
http://www.ecsu.ctstateu.edu/depts/edu/textbooks/searchengines.html

ONLINE RESOURCES FOR EDUCATORS NEW TO THE INTERNET
http://www.ecsu.ctstateu.edu/depts/edu/textbooks/onlinetutor.html

Curriculum Enhancement
http://www.ecsu.ctstateu.edu/depts/edu/textbooks/curriculum.html

k12Links
http://www.ecsu.ctstateu.edu/depts/edu/textbooks/k12links.html

NEWSPAPER IN EDUCATION
http://www.ecsu.ctstateu.edu/depts/edu/homepages/hcniehome.html

Glen Lessig's Education Technology Bookmarks
http://www.ecsu.ctstateu.edu/depts/edu/textbooks/edtech.html

Arline Mykietyn's Bookmarks on Harriet Tubman
http://www.ecsu.ctstateu.edu/depts/edu/textbooks/tubman.html

J.P.'s Eclectic Bookmarks http://www.ecsu.ctstateu.edu/depts/edu/textbooks/edresources.html

Mrs. Wargo's Bookmarks WJJS Media Center
http://www.ecsu.ctstateu.edu/depts/edu/textbooks/yalit.html

Participants' School Homepages

Brooklyn Middle School
http://www.ecsu.ctstateu.edu/depts/edu/homepages/brooklyn.html

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Canterbury Elementary School
http://www.ecsu.ctstateu.edu/depts/edu/homepages/canterburyelem.html

Nathan Hale-Ray High School
http://www.ecsu.ctstateu.edu/depts/edu/homepages/nathanhale.html

Saint Joseph School, Baltic, CT
http://www.ecsu.ctstateu.edu/depts/edu/homepages/sjs.html

Woodstock Elementary School
http://www.ecsu.ctstateu.edu/depts/edu/homepages/wes.html

Woodstock Middle School
http://www.ecsu.ctstateu.edu/depts/edu/homepages/woodstock5.html

Project News

from Participant Jon-Paul Roden

During June, Mr. Roden, Computer Department Chair at the Vernon Public Schools, introduced 15 elementary students and 6 teachers to the use of WWW for learning and teaching. The site that he developed through our workshop gave them a chance to see how they might use the Internet as a part of their instructional practice. Not only did they use his site, but went one link back and explored some of the other projects. They had a blast an, like the kids, didn't realize that they were learning !

He'll be using somewhat the same approach when he presents this August at Connecticut Education Association's Summer Leadership Conference and at the Massachusetts Education Association (MTA)'s Summer Leadership Conference. Mr. Roden found that "when I'm working with in professional development setting with folks that I 'know,' they respond well when they can 'see' and 'work with' a site that offers them some degree of familiarity (they know the person who did it) and personal meaning (they realize that they can really learn something valuable.)"

After the August sessions, Mr. Roden wrote that "the MTA conference was held at Williams College with one of the most incredible multimedia classroom that I've ever seen. I've included it as well as your Homepages and Bookmark sites to show folks what can be done. I had a number of higher ed folks (particularly N Adams State) in one session and they were really interested how you're (David Stoloff) dealing with technology and pre-service teachers."

from Pam Berardino

I wanted to let you know that I used my "Online Internet Tutor" for two different inservice classes last week. It has been attached to my new school's homepage (www.neca.com/~libcl/) under faculty pages, so it is easily accessible. I got a lot of positive comments about it, but more importantly, I've had teachers come back and ask me questions about it later - so they are using it. I'm very excited. I think I am going to add a link to a different page that has additional resources for those who are past the "newbie" stage.

In addition, I have Internet access IN THE CLASSROOM (also so exciting) and our 8th graders learn html as part of computer. Of course, my class is going to learn html as part of 6th grade - but that's OK, they'll be one step ahead of the game.

I can't tell you how fortunate I feel to have been part of the grant. I thank you and will keep you posted on how I am using it with my class and in teaching.

Developing Educational Signposts on the World Wide Web: A School-University Cooperative Curriculum Project

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a project funded by AAUP-Connecticut State University grant funds
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List of Project Participants

Project Linkages

Project News

Project's Historical Documents

Other Recommended Sites

Project Linkages Created by Project Participants

Find It on the World Wide Web
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Saint Joseph School, Baltic, CT
http://www.ecsu.ctstateu.edu/depts/edu/homepages/sjs.html

Woodstock Elementary School
http://www.ecsu.ctstateu.edu/depts/edu/homepages/wes.html

Woodstock Middle School
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I can't tell you how fortunate I feel to have been part of the grant. I thank you and will keep you posted on how I am using it with my class and in teaching.

Other Recommended Sites

Internet in the Classroom
http://www.indirect.com/www/dhixson/class.html

Technology Competencies
http://www.cs.unca.edu/education/edtech/competencies/

National Standards for Technology in Teacher Preparation
http://www.iste.org/standards/intro.htm#stand

Beginners Central
http://www.northernwebs.com/bc/

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a project funded by AAUP-Connecticut State University funds
directed by Dr. David L. Stoloff, Interim Dean, School of Education and Professional Studies and the Graduate Division, Eastern Connecticut State University

return to project homepage

List of Initial Project Participants

Project Director - Dr. David L. Stoloff, stoloffd@ecsu.ctstateu.edu, School of Education and Professional Studies and the Graduate Division, Eastern Connecticut State University, 860- 465 - 5293

Al Blancato, alcott.middle.school@snet.net, Alcott Middle School, Wolcott, CT, 6-7-8 Computer Ed.

Pamela A. Berardino, lotsofcats@aol.com, Media Specialist, Windham Middle School, 123 Quarry Street, Willimantic, CT 06226

Gilbert H. Colby, ctcolby@snet.net, Windham Middle School Eighth grade -- Science,

Leslie Close, 7ehaddam@connix.com, Business Ed. Grades 9-12, Nathan Hale-Ray High School, Moodus

Linda E. Edmonds, edmondsl@ecsu.ctstateu.edu, St. James School, 120 Water St., Danielson, CT, Grades 7 and 8 - Science, Algebra, Prealgebra, Spanish, Grades K-6 Exploratory Spanish

Sister Mary Grace Goddard, goddards@ecsu.ctstateu.edu, St. Joseph School, Baltic, Junior High Science

Glen W. Lessig, lessig@neca.com, Brooklyn Middle School, Brooklyn CT, 5th thru 8th grade -- Computer Ed.

Beverly Moshier, bmoshier@snet.net, Chester Elementary School, School media specialist K-6

Arline Mykietyn, damyk@snet.net, Woodstock Middle School, Grade 5 language arts, science, technology, reading,

Jon-Paul Roden, JPRoden@ix.netcom.com, Vernon Public Schools, Dept Chair Computer Science grades 6-12,

Suzanne Wargo, suzieq@neca.com, William J. Johnston School, Colchester, CT, Middle School Media Specialist

Mark Lord, mlord34@neca.com, Columbia Elementary School, Columbia, CT, Kindergarten Pre-Service Teacher

Developing Educational Signposts on the World Wide Web: A School-University Cooperative Curriculum Project

a project funded by AAUP-Connecticut State University funds
directed by Dr. David L. Stoloff, Professor and Chair, Education Department, Eastern Connecticut State University

Application for Participation, due by May 2, 1997

Project Abstract

This project's goal is to develop a network of Educational Signposts to support K-12 student learning and curriculum articulation across Eastern Connecticut and to enhance teacher education and graduate programs at ECSU. This proposal seeks support for Eastern Graduate Students who are K-12 regional teachers willing to attend a summer workshop in web-page development and committed to integrating the WWW in their curriculum. This proposal also seeks support for the applicant for the updating of the project's WWW pages and for developing case studies on exemplary uses of the WWW in K-12 curriculum during 1997-98.

Project Description

Educational applications of information on the World Wide Web (WWW) have and will continue to have practice-changing impact on curriculum development and delivery in primary, middle level, secondary, and postsecondary education. The goal of this proposed project is to convene a workshop of regional K-12 teachers during the Summer of 1997 to develop a network of K-12 Educational Signposts and Electronic Textbooks to support K-12 student learning and curriculum articulation across the region and to enhance the teacher education and graduate programs at Eastern. This proposal seeks stipend support for those Eastern Graduate Students who are K-12 regional teachers willing to attend a summer workshop in web-page development and committed to integrating WWW in their curriculum. This proposal also seeks support for the ongoing updating of the project's WWW pages and for the collection of case studies on exemplary uses of the WWW in K-12 curriculum by the project director during 1997-98.

Background

**President Clinton noted in his second inaugural address that
"ten years ago, the Internet was the mystical province of physicists; today,
it is a commonplace encyclopedia for millions of schoolchildren."**

**On ConneCT96 Day during September 1996, Eastern students and staff volunteered to assist several school districts in our region to wire their schools for access to the Internet. Many more educators in the region are seeking to incorporate information on the World Wide Web into their curriculum, to create a "commonplace encyclopedia" for students in Eastern Connecticut.
To assist this process, the project director and students in Eastern's Education Department's teacher education course in "Technology in the Classroom" and in the Graduate Studies program in Education Technology have been developing prototype articles for this encyclopedia. In these courses, students have developed "bookmarks," listings of World Wide Web addresses on a specific topic that might be taught in a typical K-12 classroom; the first page of a WWW page maintained by the Project Director of these 128 "bookmarks" developed in the "Technology in the Classroom" course, is found as an appendix to this proposal. "Electronic textbooks," annotated and expanded WWW resources lists, have been developed by the Project Director and graduate students, in the most part veteran teaches. These graduate students have also developed descriptions of their school program in "school homepages." The first pages of these "electronic textbooks" and "school homepages" are also attached in the appendices. These preliminary**

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WWW pages may be considered as "educational signposts" for those seeking to use the Internet as a classroom encyclopedia and learning tool.

The project director will be presenting on "World Wide Web Applications as Tools for Expanding Roles of Leadership in Higher Education Reform" at the American Association of Colleges for Teacher Education conference in March, 1997. This project is an extension of this research into K-12 curricular reform.

Project Methodology

With the support of a CSU Research Grant, the Project Director during April and May will contact graduate students in Eastern's Master in Science in Education: Educational Technology concentration who are practicing K-12 teachers to determine their availability for this school-university cooperative curriculum project. The project director will seek a wide representation of educators, with the model being 6 elementary teachers, 3 middle teachers, and 3 high school teachers. These participants should represent the total range of grades and subjects in the elementary, middle, and high school schools.

During June, the participants will attend a workshop facilitated by the Project Director which will include the following topics:

1. **an introduction to the WWW**
2. **how to use search engines to find WWW educational resources**
3. **techniques in developing and saving bookmark listings**
4. **a style manual for electronic textbooks**
5. **editing electronic textbooks using a HTML editor**
6. **use of scanning software and graphic converters to illustrate textbooks**
7. **developing school homepages**
8. **creating a regional electronic encyclopedia.**

The goal of this workshop will be to develop a regional network of linked educators and WWW pages to enhance educational communications and curriculum in the region. Participants will practice applications of WWW page editors using HTML (HyperText Markup Language), the simple programming language at the base of most WWW pages. In the workshop, the participants will discuss and develop a style manual for electronic textbooks for the region and plan for curricular applications of the WWW in their instruction within their schools. Together, the participants will create a regional map of Eastern's service area with links to their school homepages and an interactive electronic encyclopedia.

Project Continuance

During July, the project director, with a colleague from California State University, Dominguez Hills, will continue to develop a textbook on "Web Surfing in the Classroom" and contact several publishers; a copy of the current prospectus appears in the appendix. The project director will also develop a homepage for this project and expand on the links generated in the workshop.

During Fall 1997 and Spring 1998, the project director and workshop participants will keep in contact as they expand on their applications of the WWW in their classrooms. The Project Director will collect case studies of these applications in the classroom, with specific note on factors influencing the use of the Internet in school settings. The Project Director will also seek ways to include WWW applications within the Education Department's outreach efforts in creating Professional Development Schools and in the support of other regional grant proposals and projects.

Further funding will be sought from state and national sponsored school-university curriculum

projects, such as National Science Foundation funding or Connecticut Council for the Humanities, to expand the regional network to include specific subject areas and integrated curricular projects. This project will also be brought to the attention of a committee of CSU faculty and Chancellor's Office staff currently working with Connecticut Center for Educational and Training Technologies to expand computer applications in K-12 schools.

Proposed Budget for Developing Educational Signposts on the World Wide Web

Stipends

For Summer 1997 workshop participation in WWW pages development, WWW curriculum integration during 1997-98
- $250/Graduate Students-K-12 Teachers

6 elementary teachers $1,500

3 middle level teachers $750

3 high school teachers $750

total $3,000

Ongoing upgrading of project's WWW pages and case studies collection during 1997-98

Project Director's stipend $1,000

Total Support Requested $4,000

Short Vitae of Project Director

EDUCATION
Ph.D., Comparative and International Education, University of California, Los Angeles, 1982

M.A., Educational Technology, Concordia University, Montreal, 1977.

B.S., Biology, State University of New York (SUNY), Brockport, 1973.

PROFESSIONAL EXPERIENCES
Professor (8/1995 -), Chair (8/1995 -), Education Department, Eastern Connecticut State University, Willimantic, CT.

Professor (1993 - 1995), Associate Professor (1990-1993), School of Education, Sonoma State University, Rohnert Park, CA

Associate Professor (1988-90), Assistant Professor (1986-88), School of Education, California State University, Los Angeles.

Assistant Professor, Center for Teacher Education and Educational Services, State University of New York, College at Plattsburgh, 1984-86.

Teacher - Biology, Career Math, Marine Biology, Long Beach (CA) Unified School District (USD), 1982-1984.

Teacher, M. Goodman High School, Kfar Silver, Israel, 1975-1976.

High School Teacher, Peace Corps, Zaire, 1973-1975.

UNIVERSITY AND PROFESSIONAL SERVICE
Eastern Connecticut State University:
Education Dept.: Chair, Education Department (8/95 -).
Campus Service: Co-Chair, Center for Instructional Technology Group (10/95).

PUBLICATIONS

Texts and Chapters in Books
Stoloff, D.L. (1994). Creating databases for secondary science, in Computers in the curriculum: Exercises for integrating technology into instruction, E. Murdock and P. Desberg, editors, Dubuque, Iowa: Wm. C. Brown, Inc.

Stoloff, D.L. (1988). Instructional media preparation laboratory manual: Fourth edition. CSULA: University Square Press.

Stoloff, D.L. (1986). Riding the computer wave: A guide for teachers. Plattsburgh, N.Y.: College Bookstore.

Articles in Professional Journals
Stoloff, D.L. (1991). Planning for partnerships. California Technology Project Quarterly . Fall 1991, 3,1, 38-43.

Stoloff, D.L. (1991). Educational technology and reform in Quebec. Journal of Abstracts in International Education . Spring 1991, 18,1, 11.

World Wide Web Pages
Stoloff, D.L. (1996). Instructional Technology Professional Development: Exemplary University Settings. http://nutmeg/depts/edu/articles/techpds.html

Stoloff, D.L. (1996). Report on the 11th Annual American Association for Higher Education Conference on Assessment, June 1996. http://www.ecsu.ctstateu.edu/depts/edu/articles/aahe.html

Stoloff, D.L. (1996). World Wide Web Applications as Tools for Expanding Roles of Leadership in Higher Education Reform. http://www.ecsu.ctstateu.edu/depts/edu/articles/AACTEprop.html

Stoloff, D.L. (1996). Syllabus for EDU 553 - Computers in the Classroom. http://www.ecsu.ctstateu.edu/depts/edu/553syl.html

Stoloff, D.L. (1996). Syllabus for EDU 675/696 - Netscape and Internet Tools for Education.http://www.ecsu.ctstateu.edu/depts/edu/675syl.html

Stoloff, D.L. (1995). Syllabus for EDU 360 - Computers in the Classroom. http://www.ecsu.ctstateu.edu/depts/edu/360.html

Stoloff, D.L. (1995). Homepages of the Education Department at Eastern Connecticut State University. http://www.ecsu.ctstateu.edu/depts/edu/edu.html

Stoloff, D.L. (1995). Homepages of the Center for Educational Excellence.. http://www.ecsu.ctstateu.edu/depts/edu/cee.html

Stoloff, D.L. (1995). Homepages of the Center for Instructional Technology. http://www.ecsu.ctstateu.edu/depts/edu/cit.html

Video Productions

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Horrocks, R.; Zhang, L.; and Stoloff, D.L. (1996). Schools on the move. A weekly video series of interviews on exemplary regional educational programs. Broadcasted on Channel 16, ECSU's Cable Station, February - April, 1996.

Find It on the World Wide Web !

Like a card catalog in a library, search engines and directories help you sift through all those billions of pieces of information on the web to find the specific information you need.

WEB SEACH ENGINE:(Spiders)
Is like an index that enbales you to seek out specific words and phrases. With the search engine's help, you can locate individual appearances of such words in documents all over the Web. This can be both a blessing and a curse--but it's more commonly the latter! You might get too many hits. Or you might discover that your keyboard has meanings you didn't anticipate. Or you might get no hits at all.

AltaVista - One of the fastest and most comprehensive of the Web search engines.

Excite - Full-text seaching across the Web, with automatically generated summary.

HotBot - From Hotwired and Inktomi, the latest in Web search engines offering powerful field searching and said to index every word on the WWW in over 50 million documents.

Infoseek - One of the fastesr Web search engines which tends to retrieve more relevant queries than most, but does not index as many documents as AltraVista.

Lycos - One of the largest major search engines on the net.

Open Text - Full text web-indexing which supports extented boolean operators.

Ultraseek - The is the beta version of the newest in search engines from infoseek, promises to be the fastest guide to cyberspace. Query language like that of AltaVista.

WebCrawler - Search the World Wide Web.

WEB DIRECTORY:(Trees)
Sometimes called a Tree, is a subject catlog--something like the subject catolog in your local library. Directories attempt to organize the web by divding it into topics

and subtopics. If you're looking for information on the Web that fits neatly into an obvios subject or category, go first to Yahoo, W3 or one of the other Web directories. Differences between directories and engines are disappearing as most directories also allow you do word and phrase searches.

i-Explorer - A new and very impressive, submission based, extremely powerful Web search engines. Enclose phrases in quotes. Be sure to check out their full Power Search.

InterNIC Directory of Directories - An index of Internet sites which point to resoures, and products and services.

Librarians' Index to the Internet - An excellent, well-indexed directory of the better and more informative sites on the Web.

LinkMonster - A very promising new Web directory and announcement site which is well-organized nad well-indexed.

My Virtual Reference Desk - Over 10,000 links to select sites. No Descriptions.

Nerd World - An enormous resource of Web Sites. Provides short descriptions and results also displays link to category allowing you to find similar listings.

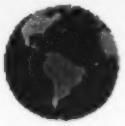
TradeWave Galaxy - Large directory of the Web.Telnet and Gopher sites. One of the earlier directories started around the same time as Yahoo.

WORLD WIDE WEB WORM - A "Best of the Web" for Navigational Aids in 1994. They say they are currently serving 3,000,000 URL's to 2,000,000 folks per month.

Yahoo! - **The largest searchable directory of the internet sites.**

"OK, I'm finally on the Internet. What do I do now?"

ONLINE RESOURCES FOR EDUCATORS NEW TO THE INTERNET



(Site last updated 6/97. Please maximize this window for best viewing.)

Welcome to the Internet! Now that you are online, what do you do? Here are a number of different activities that you can try. The links (connections) to each site (place) are included. After you've explored the possibilities, try an Internet project. You can take your class on an online adventure, start an e-mail project, research the latest topics you are covering in class, and be aware of special programming coming up to supplement your instruction. Your options are virtually unlimited!

These teacher resources are here for your convenience. Feel free to comment on any of the sites, notify me of problems with this page, or suggest sites to be added. To e-mail me, just click on the mailbox or my name. (You'll notice that the link changes colors after you click on it. This designates that you've been to that site or location.) Have a great time surfing the Net!

- Pamela A. Berardino, Educator and Technology Enthusiast!

Though I would like you to visit the entire site (page), I understand that your time is limited. Try the Quick Index to go right to the section that suits your needs best. Just click on any underlined blue phrase (a link) and you are there.

QUICK INDEX

Visit a Few Sites
Easy Projects
Online Adventures
Television Resources
Searching
Hints and Tips

A Few Fun (and Educational) Sites to Visit

Start out slow and easy. Check out these sites with your class. Everyone is sure to enjoy them.

The Cool Word of the Day site. Your middle school and high school students will enjoy this activity. Each day there is a new, rarely used word. The definition is provided for you on a second page. Have fun trying to figure out the meaning of the word. There is even a place where you can submit your own Cool Word of the Day.

Most everyone knows of the famous author/illustrator Chris Van Allsburg, but are you familiar with his book, The Mysteries of Harris Burdick? Check out this site to see what the mysteries are, and the stories that children have written about them. After you've read the book, you can write your stories and submit them too.

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If you don't have a Harris Burdick story to share, but you have other writing you want the world to see, Kidstuff Children's Publishing is the place for you. Read a little of what other students have written, and then add your own! Right now the theme is space, as in outer space, but the theme changes, so check it out regularly.

Return to Quick Index

Easy Internet Projects for Your Class

If you are ready to try a simple Internet project, you can subscribe to the listserv Hilites. When you sign up for a listserv you and everyone else on the list get the same e-mail. Anything that is sent out by one person, goes to everyone on the list. The Hilites listserv is for educators who have projects they want to do via the Internet with other schools around the country and around the globe. Some projects are very simple and only require a one time commitment. (An example might be answering a survey question.) Others can be quite involved and last for months or the entire school year. The e-mail will show the grade level and topic of the project in the subject area, so if it's not for you, you can delete it. Even if you don't join in on a project, it is interesting to see what others are doing. Your first e-mail after subscribing will be all the information you need to respond or submit to a project.

To subscribe to Hilites click here and type "Subscribe" in the subject, and "Subscribe to Hilites" in the body of the letter. Hilites is a project of the Global Schoolnet Foundation. Visit their web site sometime for additional projects or activities.

Return to Quick Index

World-Wide Online Adventures

You and your class can join one of these real life adventures, or one very similar to it.. These sites are all set up for educational use, with daily expedition reports, classroom activities and links to additional resources. You will be surprised how easily these adventures fit into all areas of your curriculum. In addition, its a great way to show your students that they really use those things they learn in school!

These are some expeditions that have been completed, are ongoing, or coming up in the near future. They all connect to any grade level curriculum in many, many ways. (Note: Some of these programs have fees, but many others do not.) See you around the globe!!!!

The Iditarod Every March the mushers are off! It is called "The Last Great Race" and there are plenty of reasons why. Get to know the mushers and their dogs, as they travel through Alaska's wilderness. Zuma the sled dog/reporter keeps you up-to-date during the race. It's a great project to use with the books Stone Fox, White Fang, Balto, Dog Song, Wood Song, and other books about dog sledding. (Note: Author Gary Paulsen raced in the Iditarod twice. His books Dog Song and Wood Song are from that experience.) This is not the only Iditarod site. Try one of the search engines at the bottom to find more.

Welcome to GlobaLearn! My class traveled the Black Sea Nations two years ago, meeting children from different cultures and learning about how they live. This past year, other students from around the world visited Hong Kong during its last days under British rule. Next year's expedition is heading to Brazil. A well organized program with a listserv and many teacher resources.

Jason Project Take your students on this online expedition. A long running project. Current expeditions are happening in Iceland and Yellowstone. An opportunity for students to connect with other students working on the project is provided.

MayaQuest was one of the first online expeditions set up specifically to be interactive with the classroom. Bicyclist Dan Buettner and his crew travel throughout the world, with their laptop computers, seeking knowledge about cultures and the environment from the past and the present. Excellent updates and teacher resources. The Learning Company has developed software and other materials for the classroom for this and previous expeditions.

Sites Alive The person behind this site started it all for me. Rich Wilson sailed the Great America II from San Francisco around Cape Horn to Boston. My 5th grade class went with him all the way. The educational program Ocean Challenge has expanded to include the following projects: Oceans Alive '97, exploring the Caribbean waters, Rainforest Live '97, exploring Australia's rainforest, Class Afloat Live'97, where a group of senior high school students sail around the world on the sailboat Concordia.

World Flight 1997 Amelia Earhart would have been 100 years old this year. Linda Finch wanted to do something to commemorate the spirit of a woman who thought woman (and men) should follow their dreams. With assistance from Pratt & Whitney, Ms. Finch found a Lockheed Electra, the same type of plane as Earhart had flown, resorted it, and set off to complete the trip which last time ended in the disappearance of Earhart. This two and half month adventure was covered in the newspapers, on T.V. and, at this site, World Flight 1997. In addition, this site includes the You Can Soar site for students and teachers. The site is filled with so many activities, you couldn't get them all done before Linda Finch landed in Oakland!

Return to Quick Index

Television Resources

You would be surprised how many T.V. productions are happening on the topics you are currently covering in school. Check out one of these educational sites and see what corresponds with what is being covered in your classroom. Great teacher resources are also provided at a number of sites.

The Discovery Channel has a wealth of information on their educational programing. For general information, visit Discovery Online . To find out more about programming on the Learning Channel, visit Discovery - Learning Channel . Interested in animals, then don't miss Discovery - Animal Planet. Finally, a must see site is the Discovery Channel School. Information about programing and curriculum connections are waiting there for you.

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Biography and Biography for Kids has a monthly airing schedule on this Arts and Entertainment web site. Excellent source of information for students and adults alike. Exceptional biography programs for children.

Teaching science is never a problem when you have Newton's Apple as a resource. You can search by topic for the creative information and activities available here. Of course programming information is available too. Excellent teachers' guides are included at this site. They can accompany the show, or be used independently.

Return to Quick Index

Searching the Internet

To find information on the Internet, you have to use something called a "search engine." There are many different types. Different search engines will give you different results and report information differently. If you don't have luck with one, you might want to try a second one. Be sure to use the "Search Tips" for each search engine, often they are different from site to site.

Here are a few favorites to try out!
(Note: In this section, click on the logo (image) of the search engine to go to the site.)

This search engine, like many others, allows a general search, or you can refine your search by looking in the following categories: Arts & Entertainment, Business & Investing, News, Careers & Education, People & Chat, Computers & Internet, Politics, Games, Shopping, Health & Science, Sports, Lifestyle and Travel.

HotBot is made available by the people at Wired Magazine. What makes this site a great place to visit is the ease and versatility of the search. Other search engines often require capital letters or quotations marks, or the use of "AND, OR, etc." HotBot has a pull down menu that makes searching a breeze!

yahoo logo

A popular and reliable search engine is Yahoo. This search engine has been popular since its inception. The sites are categorized to help you limit your search. You can submit your site(s) for possible inclusion in this popular search engine.

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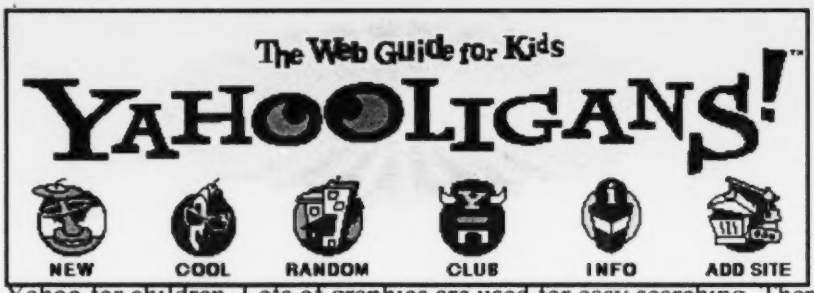


Yahoo for children. Lots of graphics are used for easy searching. There are some words and text format is available. Colorful and good graphics. Kids love it. (Note: this site is geared towards children, but that does not mean that only "children oriented material" will be found.)

Return to Quick Index

And there is more...

If you had 24 hours a day, seven days a week, you couldn't see it all. There is a wealth of information to supplement your instruction and excite your students. It's a great tool. Keep the following tips in mind and you'll be surfing with your class, carefree, in no time.

€ Always have a backup plan. Telecommunications doesn't always work, especially when guests (or administrators) are watching.

€ Searching takes time, it isn't always successful, and you can get some interesting (but not necessarily appropriate for school) results. It is best to search ahead of time, or use another educator's site list (bookmarks.)

€ Don't do too much at once. Start small, maybe an e-mail project or simple research on a topic you are covering in class.

€ Let students who are already online at home operate the computer the first few times. This gives you more time to monitor and teach the class. After that, let everyone have a try. You won't have any problems getting volunteers. (Don't forget to give yourself a turn!)

€ Find a colleague (or a student) who is already a web-aficionado. Work with them, they'll show you the ropes.

€ Enjoy yourself! The kids are having a good time, you should too!

Return to Quick Index

Reminder...

These teacher resources are here for your convenience. Feel free to comment on any of the sites, or suggested additions. Have a great time surfing the Net!

- Pamela A. Berardino, Educator and Technology Enthusiast!

Go to Top of Page

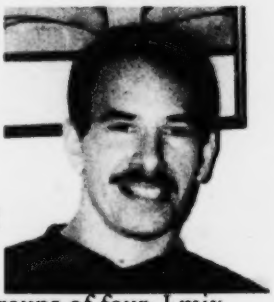
Graphics downloaded from MediaBuilder.

Site Logos: The sole purpose of the logos used at this site is to depict the recommended web pages(s) to educators. They have not be altered and are not used for any other purpose.

Curriculum Enhancement

Gil Colby - Eighth Grade Science

Welcome to my Homepage!



I am currently teaching eighth grade general science at Windham Middle School in Willimantic, Connecticut. The Windham Middle School has a fifth through eighth grade student population of over 1,000.

As an eighth grade science teacher, I use a wide range of sources to enrich my curriculum and meet the needs of a diverse student body. Students are diverse in their backgrounds, values, motivation, and feelings of self-worth. I use a variety of written and visual materials to stimulate the innate curiosity which I believe all children are born with. I strive to revitalize this drive to learn.

Each of my five classes has about 24 students arranged at laboratory benches in groups of four. I mix approaches, but try, when possible, to use cooperative learning techniques. Demonstrations and laboratory activities lead to group discussions in which I emphasize inquiry-based challenges. All students are encouraged to feel good about sharing their own thoughts.

For the '97-'98 school year I will be using the *Science Plus (Blue)* - Grade 8 program. Course content will consist of mini units in the Scientific Method, how to study and do research, nutrition, the environment, and Mars exploration. The main units will be light, sound, magnetism/electricity, and genetics/reproduction. What follows is my own compilation of links that will support and expand this curriculum.

I welcome your comments and am looking for additional links for the main units.

Comments and additional links can be mailed to me at *gilcolby@gyral.com*.

Units that I cover:

- Mini-Units
- Light
- Sound
- Electricity and Magnetism
- Genetics and Reproduction

General Links

Mini-Units

First Day of School Activity:

Tell Me *Why* is an activity to determine the scientific knowledge of students, and to generate interest in the class.

Experimental Strategy:

An explanation of the Scientific Method with an example, student activity (Boiling Poing"

Experiment), and scoring rubric

Textbook Use:
September Starters uses a game format to familiarize students with their textbooks. Students can be grouped in a traditional cooperative learning setting.

Nutrition:
Measuring Calories actively engages students in measuring the energy (calories) in mini-marshmallows and peanuts.

Food Labels in the Classroom encourages students to form a life-long habit of scrutinizing nutritional value labels.

Mars Pathfinder:
Mars Pathfinder Mission Information presents images and exciting information as NASA provides it to the public.

Light

Light Energy:
Optics for Kids! is an excellent site for general information about light as a form of energy. I is designed with colorful diagrams to be a self-educating tool for children.

Light Waves:
Lets Make Waves is a science activity which uses a fan blowing over water to help students overcome misconceptions about wave motion.

Light Reflection:
Laws of Reflection is an exciting activity to teach students the laws of reflection.

Light Properties:
How To Make A Kaleidoscope is a learning activity in which students work cooperatively and create kaleidoscopes.

Light as a Form of Electromagnetic Radiation:
Reference material is presented to show that visible light is just a small part of the Electromagnetic Spectrum.

Sound

Sound Characteristics:
Partial Sample Chart to accompany lesson plan: Physics 2204, Sound gives information about sources of sound vibrations, what is vibrating, what is responsible for the vibration, and the type of waves that are produced.

Sound Waves:
Seeing Sound & Sonar is a complete lesson plan for teaching children how sound waves can be used to map the ocean floor.

Sound Exploration:
Lesson 1 - Mystery Sounds is a laboratory activity in which students have to listen very carefully to determine the sources of different sounds.

Electricity and Magnetism

Magnetic Fields:
Students use a variety of materials so as to view a 3-D Magnetic Field. Cross-curriculum ideas are also presented.

Electric Motors:
A Lesson Plan for Electromagnetism is provided here to help teachers teach the scientific principles behind electric motors and generators.

Genetics and Reproduction

DNA: Life's Controller:
Blue Genes: Affect Your Life! is a research based unit in which students, working in cooperative groups, learn the vocabulary and basic concepts of genetics.

Gregor Mendel's Work:
MendelWeb is a library resource for both teachers and students interested in classical genetics. Many worldwide links are provided for in depth research.

The Search For Genes That Cause Disease:
The Howard Hughes Medical Institute publishes Blazing A Genetic Trail. It is available to teachers for the purpose of demonstrating how scientists are applying research in genetics to the understanding of the genetic causes of disease.

Human Genome Project:
The National Human Genome Research Institute provides current information on the attempts of the Human Genme Project to map the 50,000 to 100,000 genes within the human genome.

The National Center for Biotechnology Information provides a human transcript map which allows you to browse genes by chromosome.

General Science Links

The Discovery Channel:
A wealth of information is provided on many educational subjects at the Discovery Channel Online.

Bill Nye - The Science Guy:
Information on Disney's Bill Nye series, includes a Bill Nye Episode Guide with descriptions of his 85 different popular and exciting broadcasts of science related information.

MSN - The Mad Scientist Network:
The Mad Scientist Network provides answers to many science-related question. It allows you to search an archive of more than 2000 question and answer files for specific information.

Educational Hotlists:
The Franklin Institute provides an Educational Hotlist with links to sites on many subjects.

Mark's Textbook

This page is to serve as a starting point for finding information on the internet on various topics in education, especially in the grades K-12.

Education Place - Resources not only for young students but also for teachers and parents. The topics covered involve the major subjects, i.e. math, social studies, and science. Gives full instructions for projects in classes from art to social studies.

Global Learning On-Line Homepage - Project ideas and plans for teaching about global issues in the classroom. Also discusses various ways to use the internet to explore these issues.

EduZone - "The Education Web Site" - A very nice page that not only gives links and resources, but also gives information on scholarships and grants, and offers a chat room for teachers.

WWW Servers Hosted at CNIDR - Simply a good source that provides a multitude of links.

Internet School Library Media Center - Another solid page of links and resources.

W-FL TRC's Teaching Tool Box - Excellent, well made site that offers information and resources, as well as search-engines to find anything they don't have.

Microsoft in K-12 - Educational resources provided by Microsoft.

Teacher Talk - A lounge of sorts for teachers to dicuss topics and issues. Very easy to use.

WebEd Curriculum Links - Busy teacher website, it's strength is in the wide variety of topics that it provides information for.

K-12: Table of Contents - Another link page.

World Wide Research - Includes complete works of Shakespeare, nuff' said.

Urban Education Web - Page that gives information on working with and teaching ethnic and minority students.

Online Educator: Welcome - Another link page that provides some resources for teachers.

The Music Educator's Home Page - A resource for teachers who do not usually teach this subject and need some ideas and activities.

Classroom Connect - Page dedicated to providing activities and links for using the internet in the classroom. A good one to remember.

Gifted and Talented (TAG) Resources Home Page - Self-explanatory page that gives some links on pages dealing with this topic.

EDUCATOR'S TOOLKIT - Well-made page that gives activities, lesson plans, and projects for a variety of topics.

Special Education - Another good one to remember, gives options and ideas for dealing with

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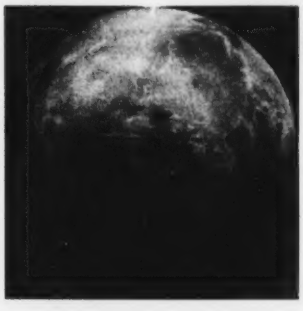
special need students in the classoom.

Special Education Resources - Similar to above.

National Educational Service (NES) - Some resources and links to educational topics and issues. Provides some materials.



K-12: Astronomy - Excellent link that provides information on space exploration as well as the planets in our Solar System and their moons.

The Hartford Courant.

285 Broad Street, Hartford, CT 06115

NEWSPAPER IN EDUCATION

Call: (860) 241-3847 OR 1-800-524-4242, x3847 or x3704

Welcome to the Courant's

NIE Homepage

The Hartford Courant NIE 5 W's	World Flight Link	Meet the Courant's NIE Staff
Order Form for Classroom Subscriptions	Curriculum Guides	Current Courant Workshop Offerings
Other NIE Programs		Lesson Plans for Newspapers

12 Good Reasons to use the Newspaper in the classroom.

The newspaper can be a DYNAMIC TEACHING tool, providing the link between traditional textbooks and what's happening in the world today. Read the results of NIE Research Studies.

developed in a project supported by a Connecticut State University Research Grant

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Glen Lessig's Education Technology Bookmarks

Educational Resources
An excellent collection of links to unique and valuable resources, such as Educational Leadership & Policy Studies, Curriculum and Instruction, and Psychology in Education
sample
Recently, Internet resources for the K-12 community have been appearing all over the United States. This digest lists various information resources available to K-12 educators over the Internet.

Reasons for integrating technology
In addition to the ways technology can enhance an I-Search Unit for students with learning disabilities, technology can also support students with sensory, physical, and cognitive disabilities through assistive technology and instructional technology.

Welcome to Reinventing Schools: The Technology Is Now!
Welcome to Reinventing Schools: The Technology is now? offers many sources that explore the potential impact technologies have on education. Presented by the National Academy of Sciences - National Academy of Engineering, this site presents information in a multimedia format.

Getting America's Students Ready for the 21st Century: Meeting the Technology Literacy Challenge
This link outlines the vision for the future, the four pillars for implementing technology effectively in schools, and a plan of action.

The Switched-On Classroom[a]
The Switched-On Classroom Technology Planning Guide, a 250- page book outlining a 12-step technology planning and implementation process for public schools, is the result of a collaboration between software company executives and five public school systems in Massachusetts. The Guide contains instructive narratives, exemplary case studies of successful technology implementation, and an extensive listing of resources that will assist schools in their strategic planning efforts for technology

Technology
The Learning With Technology Profile Tool is a computer program intended to help educators think carefully about their practice in the areas of engaged learning and technology. The program presents indicators of engaged learning and indicators of technology.

Welcome to Teachnet.Com
With teachers dealing with such issues as mainstreaming, different ability levels, and growing discipline difficulties, a problem that cannot be ignored is how to keep challenging activites available for all student at all times. An abundance of worksheets end up being the kiss of death and Silent Sustained Reading can only go so far. What's a teacher to do?

RAND Report: Teacher Training
This report summarizes the first of four workshops organized to take advantage of the experience and insights of those already implementing new technologies in the schools. This first workshop examined professional development needs, and like the others, consisted of a one and one-half-day conversation with educators and experts working to apply communications technology to the school system. Appendix A lists the participants.

Technology Planning : Iowa DE
This is a site worth looking at. Well-organized and contains a variety of information about technology planning, curriculum integration, and more. Excellent resource and contact area.

Workshop on Teacher Training
Urged by both the President and Vice President, federal officials have been exploring how to encourage greater and more effective use of modern telecommunications and computer technologies in the nation's schools. In July 1994, RAND's Critical Technologies Institute (CTI) completed a broad investigation of educational technology for the Office of Science and Technology Policy and the National Science and Technology Council.

Education Technology: Links to Web Resources
The following resources represent some of the education technology/technology planning information currently available on the web. Like any web resource, this list cannot be considered exhaustive. If you know of a site you feel should be included on this list, please let us know by e-mail.

Technology
<>Improving Student Achievement Through Technology
Integrating Technology into the Curriculum
Integrating Technology in Rural Schools: Special Considerations

WWW Workshop: Teaching and Learning with the Web (2-Jun-1994)
The conference is full now (and the deadline for workshop registration has expired). Note however that you can still submit a remote contribution to the workshop. It will be discussed without you, but we will maintain links to the contributions even after the workshop here. Teaching & Learning with the Web is an ongoing effort and this is a opportunity to communicate your work and your ideas.

EDUCOM: Transforming Education Through Information Technology Educom is a nonprofit consortium of higher education institutions that facilitates the introduction, use, and access to and management of information resources in teaching, learning, scholarship, and research. Educom believes that education and information technology (IT) will provide the most significant enhancements for human capability over the coming decade and that IT will have a fundamental impact upon education's ability to fulfill its mission.

Welcome to Engines for Education
Engines for Education is not only available on the Web, you can also get much the same body of information as a CD-ROM or as a paperback or hardcover book. These alternative versions are available from the publisher.

U.S. Department of Education
If you need quick answers to the most frequently asked questions about the Department or its

activities, your first stop should be our collection of FAQs and Fact Sheets. If you are a teacher, researcher, or student and you want to explore the resources the Department makes available especially for you, you'll want to look at the Teacher's Guide to the Department of Education, the Researcher's Guide to the Department of Education or the Student Guide to Financial Aid. We're also starting to collect links to ED-sponsored Internet resources for parents.

A School's Guide to Getting On-Line
This section describes the Advanced Internet Connectivity Plan, including the overall goals, the schools involved, and what was accomplished.

AIT Main Menu
We have just recently implemented new Discussion Forums for some AIT products. Both Java and non-Java versions exist for each forum. Check out these new AIT.Net resources!

Policies, Plans, Programs
Acceptable use policies and related information. The Armadillo WWW Server offers links to the appropriate use of the Internet to help educators in developing policies for student access.

Arline Mykietyn's Bookmarks on Harriet Tubman

The Universal Black Page At this location there are many topics related to the people who worked for freedom from slavery, and toward equality for all men.

Materials on Slavery From the UNC-CH CollectionThis is Harriet's story as told to Sarah Bradley, a teacher and friend who agreed to write her story. The profits from this book helped support Harriet in her later years. It is titled *Harriett, Tubman, The Moses of Her People*.

American Cotton Plantation Most of the agriculture in the southern United States during the early 19th century was dedicated to growing one crop‹cotton. This is a view of work on a southern plantation.

American Civil War: Growth of Slavery How Did Slavery Begin in the United States? Slavery is the most involuntary form of human servitude, whereby a person is regarded as the property of another person‹the owner‹and is forced to labor and live according to the owner's will. Surprisingly, the practice of slavery dates back to ancient times and was an accepted practice in all known civilizations.

Underground Railroad This is a map of the major Underground Railroad routes leading up to Canada. The actual number of slaves assisted during the nearly 80 years that the network existed was not overwhelming, but the publicity generated served to fuel sectional mistrust and bring about the American Civil War.

10.htm "THERE IS NO SUCH THING AS REST" Solomon Northrup was a free black who was kidnapped in New York and sold into slavery for twelve years. He was finally returned to freedom through the efforts of New York's governor. In the following selection he describes how cotton was raised on his Louisiana plantation.

12.htm Josiah Henson spent thirty years on a plantation in Montgomery County, Maryland before he escaped slavery and became a Methodist preacher, abolitionist, lecturer, and founder of a cooperative colony of former slaves in Canada. His memoirs, published in 1849, provided Harriet Beecher Stowe with her model of Uncle Tom.

15.htm James Martin, born on a Virginia plantation in 1847, was 90 years old when he was interviewed by the Works Progress Administration in 1937. After the Civil War he moved to Texas, where he served in the 9th U.S. Cavalry and later worked as a cowboy. Here, he describes a slave auction.

6.htm Olaudah Equiano vividly recounts the shock and isolation that he felt during the Middle Passage to Barbados and his fear that the European slavers would eat him.

emancipation.html Whereas on the 22nd day of September, A.D. 1862, a proclamation was issued by the President of the United States, containing, among other things, the following, to wit: "That on the 1st day of January, A.D. 1863, all persons held as slaves within any State or designated part of a State the people whereof shall then be in rebellion against the United States shall be then, thenceforward, and forever free..."

1850.html Fugitive Slave Law of 1850

1793.html Fugitive Slave Law of 1793.

John Brown was a radical abolitionist whose efforts to gain freedom for the slaves often resulted in violence and led to a number of deaths. Many historians believe Brown's actions helped bring

on the Civil War.

The Harriet Tubman Page provides a brief history of Harriet's life and involvement in the Underground Railroad and Civil War .

On An Underground Railroad : Main Page Many topics appear under this page within a poem about the Underground Railroad. You can view the poem or go directly to visit links to people involved in the work of the Railroad or work involving freeing slaves and changing the laws to an equal status for African Americans .

Escaped Slaves with Harriet Tubman were sure to get to their destination of freedom because of the many people who Harriet knew would provide help for "God's despised poor".

Tuan.html provides a look at the great divisity of the trails in which the Underground Railroad worked.

The Blacks, Anti-Slavery and the Underground Railway This site includes the many white abolitionists who worked tirelessly to free all slaves

Harpers Ferry NHP History The history of Harpers Ferry has few parallels in the American drama. It is more than one event, one date, or one individual. It is multi-layered -- involving a diverse number of people and events that influenced the course of our nation's history.

Harriet Tubman was an influential black leader of the ninteenth century because of her courage, strength, and efforts. She is important in American history because of her success in freeing more than three thousandhundredthrough the Underground Railroad. Harriet's talents allowed her to survive and prevail through her childhood. Gaining many valuable skills along the way, her difficult early years prepared Harriet to become the unforgettable black leader that she is known to be today.
Harriet Beecher Stowe Nineteenth-century American author and abolitionist Harriet Beecher Stowe wrote Uncle Tom's Cabin (1850-1852), a groundbreaking novel that stimulated tremendous antislavery sentiment in the United States.

27.htm
John Brown, who was born into slavery in Southampton County, Virginia, and later toiled in Georgia and Louisiana, describes the methods of discipline employed by one of his owners.

The Blacks, Anti-Slavery and the Underground Railway site includes the many white abolitionists who worked tirelessly to free all slaves .

J.P.'s

Eclectic Bookmarks

This is a collection of bookmarks collected by Jon-Paul Roden, Department Chair for Computer Science in the Vernon, Connecticut Public Schools. It was created not only for his use, but also as an example of a web site of educationally valuable resources for teachers and students.

SEARCH ENGINES & TOOLS

AltaVista Search: Main Page

ALTAVISTA is a fast Web crawler that was introduced late in 1995. It handles over 22 million requests per day and has an index of more than 30,000,000 pages.

Excite Home

EXCITE is Microsoft's entry into the search engine field that examines and summarize more than 50 million web pages, more than two weeks of Usenet news, over 61,000 reviews of web sites, and an hourly news update provided by Reuters to mention only a few functions. Besides, Al like's it !

Jim and Dave's Search Engines Page

This is a great site that links to ALL of the major search engines. If you can't find it using the links that Jim and Dave have supplied, then it very likely isn't in the web.

People Finder Database

Here's a very valuable tool for looking up people by name, anywhere in the U.S., and get their addresses and phone numbers. There are several web tools that claim to do this, but this one usually does the trick.

Great Search Tools for People and E-mail

If The People Finder doesn't work, you're going to find all of the other search tools at this site. Some even link with MapQuest and will show you

on a map where a person might live.

COPYRIGHT AND INTELLECTUAL PROPERTY

NEA's Statement on Copyright & Intellectual property

Here is a Technology Brief issued by NEA's Center for Education Technology illustrating this controversial area.

Supreme Court Rulings on Copyright Infringement

McCutchen On-Line has posted an interesting article in the area of Intellectual Property and Technology Law. This site refers the US Supreme Court's ruling allowing an appellate court ruling to stand. The appellate court ruled that a business that uses someone else's software without permission to perform repair services may be liable for copyright infringement. The implications are interesting.

The Copyright Grab

This is an article written by Pamela Samuelson, JD for Wired Magazine. She is a Yale School of Law graduate and now a Professor at the University of California at Berkeley with a joint appointment in the School of Information Management and Systems and the School of Law. Her principal area of expertise is intellectual property law. She has written and spoken extensively about the challenges those new information technologies are posing for public policy and traditional legal regimes and most recently received the McArthur Award for her work.

Citizen's Internet Empowerment Coalition

This is the home of the Citizens Internet Empowerment Coalition (CIEC), a broad group of Internet users, library groups, publishers, online service providers, and civil liberties groups fighting for the future of the First Amendment and the future of free expression in the Information age.

The Internet Zine for Copyright Issues

The CopyRong Zine on copyright is a product investigating the different aspects of copyright in the age of digital technology and the internet. It was created by a group of hard working students at Simon Fraser University with a cover page (this), a table of contents from which you can click onto your topic of interest. They've also included some essays, the author's personal opinions, which are somewhat different in form and content.

VERNON CENTER MIDDLE SCHOOL INFORMATION

MGSSPI - Middle Grade School State Policy Initiative

The Middle Grade School State Policy Initiative (MGSSPI) is a program of grants to 15 states to stimulate statewide changes in middle grade educational policy and practice. The initiative's focus on states reflects the view that, while it is essential to reform individual schools, creating the capacity for broad reform requires state-level action. Designed as a "top-down, bottom-up" reform strategy, the Vernon Center Middle School is honored to have been selected to be a part of this initiative.

The "Official" Vernon Center Middle School Web Site

What more can I say. This is the "Officially" sanctioned school web site.

ASD's - Vernon Center Middle School

This is the American School Directory's site for information about VCMS. We've provided them with some information, but they somehow started information about almost every public school in the United States. Use this site to check out other schools and districts.

ConneCT '96 - VCMS Info

Here's the information that was used initially as VCMS joined with schools throughout Connecticut and the entire United States in its NetDay initiative.

Vernon Bermuda Workshop

NOTE: This site may be active only during the trip

Since 1971, VCMS has been sending a group of students for an eight-day intensified ecology study at the Bermuda Biological Station. This site links to the BBS and allows students in Vernon to share in their daily discoveries and communicate with each other.

VALUABLE RESOURCES FOR TEACHERS AND STUDENTS

Connecticut State Department of Education

This is the official site of the Connecticut State Department of Education. It contains links for State Board of Education Members, Reports, & Calendar ; Vocational Technical School System; Teacher Certification and Professional Development; Adult Education and Training; the Connecticut School Improvement Initiative; State Student Advisory Council; Educational Technology; the Education Improvement Panel; Charter School Information; Public Acts/Special Acts/Statutes; Connecticut Education Directory (Under Update Review); State Government Phone Directory ; the Connecticut Mastery Test and Connecticut Academic Performance Test (Student Objectives Brochure

Connecticut State Library

Here's the "Official" site for our own Connecticut State Library System. Using this site, users can link to valuable bibliographic information, collection management, government information services, state history and

genealogy, Connecticut Statutes and legislative references, and many more areas.

NEA's Center for Education Technology

Did you think that I wouldn't like to NEA valuable Message Board and EduLinks areas ?

1001 Web Sites: Education

Here's a wonderful web site to a great number of links that are sure to help any teacher.

The Educator's Toolkit

Here's a wonderful site with links for teachers, parents, and students. It's one that you'll return to over and over again and pass on to your friends.

B.J. Pinchbeck's Homework Helper

You think that we know what we're doing ? Well, here's a site created by a 13 year old and his father in Pennsylvania that is not only a great source, but shows what can be done in terms of creating a great web site project.

ERIC Digests

This U.S. Department of Education links to the most recent additions to ERIC, the federally funded national information system.

John Trainer's Awesome List of Web Resources

Here's another incredible web site of lists put together by John Trainer and ready for your research.

Emory University's Desk Reference

Looking for a daily almanac listing, a biorhythm, a list of people who were born on a certain date or even a daily Dilbert cartoon ? If so this is your site. You'll also find daily news, your horoscope, stock quotes, tarot readings, and several top-ten lists

You'll also find serious research links to abbreviations, different calendars, grammar, law, phone books, street atlases, zip codes, and even a link to the US Statistical Abstract.

LIVE NEWS AND WEATHER

CNN Interactive

You know what CNN looks like on your cable TV. Well, here it is with the top stories and more on the net !

WTIC AM & Media Sources

So you're looking for more a more *local source ? This not only will link you to a Hartford radio station, but will link to other national and local resources as well.*

Excite's NewsTracker

Here's Bill Gate's boys answer to Ted Turner's CNN Interactive. I wonder which battle of the big guys will win out ?

INTELLICAST's Connecticut Weather using NEXRAD

This is a GREAT way to check the local Central Connecticut weather. From this map, users can easily link to other weather features in the Intellicast family and stay right on top of what's happening in the world of local meteorology.

Atomic Clock - TIME !

You don't even have to call the phone company to find out the "right" time ! This is the ATOMIC CLOCK from the U.S. Naval Observatory just above the Vice President's residence inn Washington, D.C.

EDUCATION NEWS

Education Week on the Web

At the moment, Web surfers have the opportunity to read through each week's installment of Education Week. Who know how long they will keep this site a free area. This is a GREAT way to stay on top of the latest.

EDUCATION ORGANIZATIONS AND RESOURCES

National Education Association (NEA)

What can I say ? I'm a loyalist and an active union kind of guy ! From this Home Page of the NEA, users can get to a number of other excellent NEA sites.

Connecticut Education Association

Here's a site currently undergoing serious reconstruction. I have great hopes that it will provide Connecticut Education Association members some real valuable links in the very near future.

Phi Delta Kappa

Phi Delta Kappa is an international professional fraternity for men and women in education composed of recognized leaders in the profession and

graduate students in education whose leadership potential has been identified. Members include classroom teachers, school administrators, college and university professors, and educational specialists of many types.

PDK E-Mail Contact List

This is a wonderful web site created at Wilmington, Delaware and listing MANY of the key officers and members in PDK Chapters throughout the nation.

National Board for Professional Teaching Standards

The National Board for Professional Teaching Standards is an independent, nonprofit, nonpartisan organization governed by a 63-member board of directors. Its mission is to establish high and rigorous standards for what accomplished teachers should know and be able to do, to develop and operate a national, voluntary system to assess and certify teachers who meet these standards and to advance related education reforms for the purpose of improving student learning in American schools. This site will give teachers much of the information that they are seeking about the process and valuable contacts and phone numbers for answering specific questions.

Connecticut's Celebration of Excellence

The Celebration of Excellence is a program sponsored by the Connecticut Department of Education. Now in its twelfth year, the program gives special attention to public school teachers who implement innovative and exemplary classroom curriculum projects and who are eager, willing and able to share the projects with other teachers throughout the state. Hopefully, this web site will allow teachers to access these award-winning plans to replicate them in their classrooms.

The ASCD Web

This is the web site of the Association for Supervision and Curriculum Development. In addition to being a wonderful organization, this site allows users to search for many of the topics both researched by ASCD and other organizations.

NSBA

The National School Board Association web site offers users a good view at what's "hot" on the school board side of the table. This site also has a good link to their National Conference on Technology.

MORE GREAT TEACHER RESOURCES

University of Arkansas - Teacher Resources

The University of Arkansas site offers not only information about its

programs and curriculum, but also has some great clickable resources for teachers, students and parents. Check it out.

Columbia Education Center Lesson Plans

Looking for a lesson plan ? Try this link. It's one of many that purport to be a treasury of plans (and it does have a good number)

PROFESSIONAL DEVELOPMENT RESOURCES

Developing Educational Standards: Overview

This is the "famous" Putnam Valley (NY) annotated list of Internet sites with K-12 educational standards and curriculum frameworks documents. Unlike many site of this nature, it is frequently updated and you should find it a most valuable tool.

Concepts of Professional Development

This web site details the professional development planning process begun with the implementation of the statewide Kentucky Education Reform Act. It describes the process that schools and school districts may follow as they develop their plans for professional development and provides standards against which the plans will be evaluated as they are developed for submission to the Kentucky Department of Education.

Goals 2000: The Mission & Principles of Professional Development

Here's the "official" U.S. Department of Education statement regarding professional development and its place in the Goals 2000 plan.

Teachers' Professional Development in a Climate of Educational Reform

This USDE site contains a paper written by Judith Warren Little presenting a problem of "fit" between five streams of reform and prevailing configurations of teachers' professional development. It argues that the dominant "training" model of teachers' professional development --a model focused primarily on expanding an individual repertoire of well-defined and skillful classroom practice--is not adequate to the ambitious visions of teaching and schooling embedded in present reform initiatives.

NCREL - Finding Time for Professional Development

This site is a part of the North Central Regional Educational Laboratory's Pathways to School Improvement series written in cooperation with the Regional Educational Laboratory network. I've also added several links to specific pieces that appear below.

Meaningful, Engaged Learning

Study Groups

Board, Central Office Study Groups

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Creating Time for Professional Development

More Time for Professional Development

Communicating with Parents

Assessing Professional Development Programs

FUN STUFF AND MIND CANDY

Well, you can't expect me to work all of the time so here are a few of the sites I visit when I need to relax.

InfoJunkies Anonymous(tm)

If you can't find enough here to keep you busy for a few hours, you must have a much more active mind than I do. I *love this place.*

You Don't Know Jack!(tm)

Talk about interactivity! This is where its at on the Net... A look into the future at the type of Net gaming and advertising that will soon propagate across the Web! Sorry, Windows95 & MAC only! Need to download the interface...but it's well worth the wait.

Universal Currency Converter

Here's a handy tool when you're getting ready to forget the classroom and get away for some quality time. It's also a neat site for kids when they're dealing with the study of foreign lands and their currencies.

Real Audio - Stations on the WWW

Real Audio is a fun plug-in option and this site allows you to connect with many of the locations on the net.

Real Audio - European Links

Like the previous site, this one connects with some specific stations in Europe.

SMU Foreign Language Education and Learning Center

My kids love this site. From here you or you kids will be able to explore a

number of foreign language virtual sites loaded by this fellow at Southern Methodist University. You're going to love it.

MCTC - Courses and Sessions

A good friend of mine designed this site as an example of what a small community college could do to advertise and promote a school's courses and programs. Since it's almost in my backdoor, I like to keep current with its work.

E-mail me any comments/suggestions/links which would fit in with my bookmarks. June, 1997 J.P. Roden

Mrs. Wargo's Bookmarks
WJJS Media Center

Do you need author information? Here is a collection of web sites of some of the best known authors for middle school kids. Also, if your author is still living maybe you will find an e-mail address to send some mail.

Avi's Home Page The author with the one name. Voyage of Charlotte Doyle is one of our required readings.

Judy Blume's Official Web Site An all time favorite of girls of all ages.

Christopher Pike, R.L. Stine Don't we love to be scared? Find out what's up for the two favorite scary authors for middle school kids today.

Marilyn Singer, Children's Writer

The Neal Shusterman Home Page

Favorite Teenage Angst Books Teenagers love to feel pain....of the soul kind that is. Here is a list of cool books with those gut-wrenching themes that are so popular.

Bibliography: Gay Themes in Children's Books This place helps kids explore themes that might be off limits in a school setting.

Literature for Teens: Writers' Recommendations

Historical Fiction for Children and Young Adults Do you enjoy books set back in time or a certain place you have never been? Check these out for your next book report.

Louisa May Alcott Her newly found novels have reacquainted another generation of girls to this perennial favorite. You can even find a copy of Little Women on-line.

The Beverly Cleary Home Page My personal favorite. Beverly Cleary's book have timeless appeal. Ramona will always be a favorite.

Karen Cushman The newest of the Newbery winners, a new generation of historical novels become favorites with middle readers.

The Roald Dahl Home Page Old and young alike adore the mind of Dahl....from Revolting Recipes to Matilda.

Virginia Hamilton A classic novelist of the Newbery award kind.

The Tesseract: A Madeleine L'Engle Bibliography If fantasy is your thing, time to read L'Engle.

L.M.Montgomery Institute Core Page Another timeless author....what girlhasn't fallen in love with Anne of Green Gables.

Katherine Paterson, Terabithia, Katherine Paterson Home Page The title says it all...find out about the author behind the novel..

BDD: A Visit with Gary Paulsen Is Hatchet one of your favorites?? Paulsen has written so many books

that you may want to check out what makes him tick.

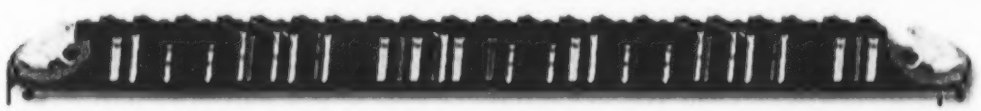
Cynthia Rylant, author Teen/parent relationships have a modern twist with Rylant's sensitive look at kids today.

Shel Silverstein WWW Links He makes us giggle...his books just fly off the shelf. Have read his newest....Falling Up?

Chris Van Allsburg Known more for his illustrations, Van Allsburg's books are still favorites of middle schoolers. Check out his artistic ideas to put into your own books.

Mildred Taylor

Another Newbery award author. Find about about kids from another culture than your own.



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Brooklyn Middle School

"It is Difficult to Say What
Is Impossible, For The
Dream Of Yesterday
Is The Hope Of Todays
And The Reality Of
Tomorrow"

Robert Hutchings Goddard

Information About Our School

Schedule of School Events

Sports Information

Parent Links

Student Links

Welcome to Canterbury Elementary School

(For best viewing, expand this window to the length of the title.)

Hi, and welcome to Canterbury Elementary School!

We are located in Canterbury, Connecticut in the U.S.A.

This is our school's web page.

To learn more about us, read on and have fun!

To the right is our school logo. Our school mascot is a fox. The fox was selected because when we moved into our school in 1990, a fox family was living in the circle in front of the school. The kits played where we were able to watch them!.

About Our School

We are a Pre-K through 4th grade school with approximately 380 students. We also have a middle school in our town for grades 5 through 8. Our town is in a rural area of Eastern Connecticut. This is what our school building looks like.

Our School's Philosophy

We recognize that children are important and valuable members of our society. Through the educational experience, the child is encouraged to develop a positive self-image which will prepare him/her to meet life's challenges. Each child deserves educational programs which meet his/her developmental characteristics, needs, and interests.

Our Staff

We have many teachers and support staff to help us learn.

Our Principal is Ms. Kathleen Halligan. You can reach her at halligan@cyberzone.net.

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Our Superintendent is Mr. Bob Gutzman. His e-mail address is bgutzman@cyberzone.net.

Meet Ziggy

Ziggy is our school robot. He collects I.C.U.s for us. When someone sees someone else doing something good or special (I.C.U. doing something good!) they fill out an I.C.U. and give it to Ziggy.

Once a month we have an I.C.U. assembly for the entire school. In addition to celebrating birthdays and watching classes perform, we pick I.C.U.s from Ziggy. Our principal, Ms. Halligan, reads them, and the person who is named on the I.C.U. gets to come up and pick another one. You have to be careful, Ziggy is ticklish. In addition to holding our I.C.U.'s Ziggy talks and tells jokes during our assemblies, too! We love Ziggy.

Write or E-Mail Us!

We would love to hear from you!

Our E-Mail Address is:

cesfox@cyberzone.net

Our Snail Mail Address is:

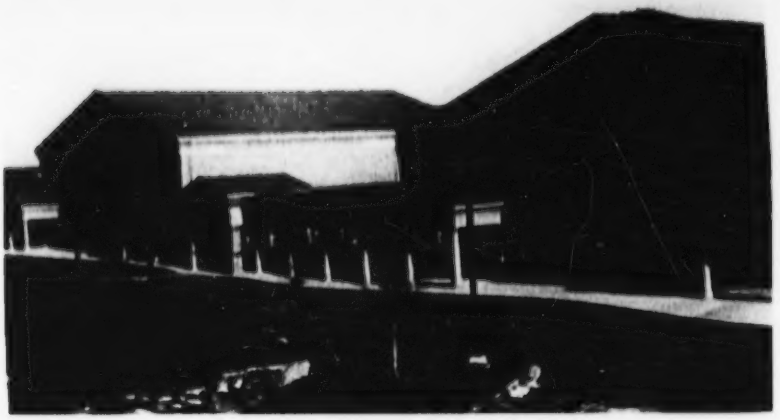
Canterbury Elementary School , 67 Kitt Road , Canterbury, CT 06331 U.S.A. (860) 546-6744

Thank you for visiting us at the Canterbury Elementary School.

This site was originally designed by 4th Graders Adam and Taylor in 1995/96. Their teacher, Mrs. Berardino, contributed by buying a large cheese pizza. The page is now maintained by the technology students and staff of the Canterbury School District.

Site Last updated: 6/97

Nathan Hale-Ray High School
East Haddam, CT



Statement of Purpose

Principal's Newletter

Guidance Information

Academics

Calandar of Events

Clubs and Activities

Sports

This page created with Netscape Navigator Gold

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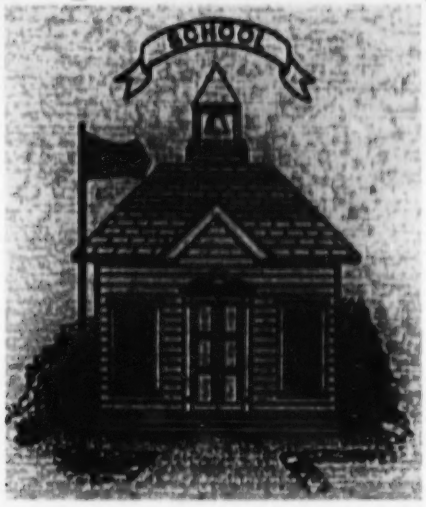
Saint Joseph School
Baltic, CT 06330

Do you want a good education for your child?



We try to keep our Cost as reasonable as possible. Call (860)822-8241 or e-mail academy.the.holy.fam@snet.net

Come to a great Catholic elementary school!

We're in Eastern Connecticut, in the small town of Sprague.

The Sisters of Charity of Our Lady, Mother of the Church have been teaching at Saint Joseph School for 111 years!

Easily Accessible from I 395
or Route 32
or Route 207.

We offer computer class, art, music, foreign language and physical education, besides a strenuous regular curriculum.

History

The Faculty

Curriculum

SCIENCE DEPARTMENT

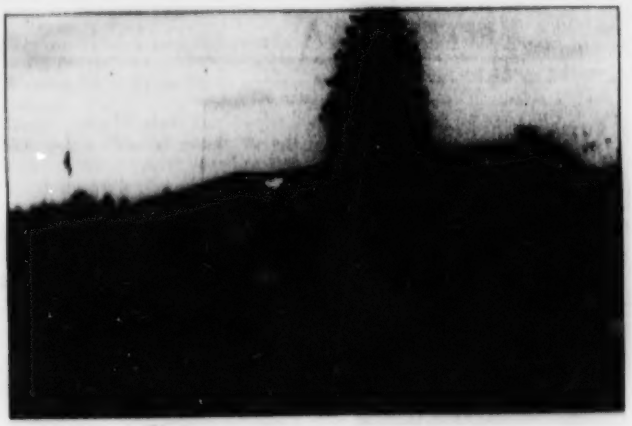
Throughout each day, the academic subjects are interrelated with spiritual values.

The small size of classes allows for greater individualized instruction and attention.

Dioscese of Norwich Schools

Affiliated Schools

Welcome to Woodstock Elementary School's



homepage

We are located at 24 Frog Pond Road, Woodstock, Connecticut, 06281

INFORMATION FROM THE

STUDENT AND PARENT HANDBOOK:

MISSION STATEMENT

GENERAL INFORMATION

AFTER SCHOOL ACTIVITES

SCHOOL CLOSING ANNOUNCEMENTS

SCHOOL HOURS

SCHOOL VISITATION

PARENT TEACHER ADVISORY COUNCIL

PARENT TEACHER ORGANIZATION

Some other interesting locations:

Woodstock Middle School

Fun places to browse:

Web 66

Internet Public Library

Welcome to the Whitehouse

Northeast Connecticut's Quiet Corner

Grade Five

Welcome to the Woodstock Middle School grade five home page.

Woodstock Middle School

May 19, 1996

First you may want to look at the plan of study for fifth grade which includes the core subjects: social studies, science, math, language arts, and reading. Each day students attend an encore class such as physical education, music, art, guidance, and library studies. Students will also become a member of an advisory group.
The social studies program will take the class from the very first Americans to the 1492 discoveries of Christopher Columbus, the founding of Jamestown, Virginia, and the series of events leading to the forming of the United States. For some further information on these topics you may want to visit the following sites:
A Brief History of Jamestown, Virginia
A Walking Tour of Plimoth Plantation will be our first field trip in November.

1492 -- Christopher Columbus

Freedom Trail
Taft Elementary School - Revolutionary War Pathfinder

The DARE Program

Dare Information- The Hudson County Sheriff's Office offers a good overview of the DARE Program which will be taught by a Connecticut State Policewoman, Officer Roy beginning in October and ending in January of 1998.

A Few Helpful Sites

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Science Fair Project Resource Guide will provide some helpful ideas for the science fair project which will be completed in the fall.

The CSU Writing Center: The Writing Process involves several steps which may be repeated in various order to properly edit a piece of writing. There are detailed explanations of the parts to the process that you can review at this site.

For an interesting overview of the Internet the Internet Tour is a great resource for finding out how to access information, download free software, and much more.

For help on Elementary school topics given as homework assignments the Star Tribune offers this great homework assistance hotline.